

***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***

Applicants: Andre JESTIN et al.  
Title: CIRCOVIRUS SEQUENCES ASSOCIATED  
WITH PIGLET WEIGHT LOSS DISEASE  
(PWD)  
Appl. No.: Unassigned  
Filing Date: 11/21/2003  
Examiner: Unassigned  
Art Unit: 1648

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Applicants submit herewith on Form PTO/SB/08 a listing of the documents cited by or submitted to the U.S. PTO in parent application Serial No. 09/514,245, filed 02/28/2000. As provided in 37 CFR §1.98(d), copies of the documents are not being provided since they were previously submitted to the United States Patent & Trademark Office in the above-identified parent application.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the filing date of the application.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date Nov. 20, 2003

By Stephen B Maebius

FOLEY & LARDNER  
Customer Number: 22428  
Telephone: (202) 672-5569  
Facsimile: (202) 672-5399

Stephen B. Maebius  
Attorney for Applicants  
Registration No. 35,264

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Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> Date Submitted: November 21, 2003 <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>		
				Application Number		Unassigned
				Filing Dat		11/21/2003
				First Named Inventor		Andre JESTIN
				Group Art Unit		1648
				Examiner Name		Unassigned
Sheet	1	of	2	Attorney Docket Number		065691-0336

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		6,217,883	B1	ALLEN ET AL.	04/2001	
		6,287,856	B1	POET ET AL.	09/2001	
		6,368,601	B1	ALLEN ET AL.	04/2002	
		60/069,233		WANG ET AL.	12/11/1997	
		60/069,750		WANG ET AL.	12/16/1997	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		WO	99/18214			04/15/1999	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
		Brian M. Meehan et al., "Sequence of porcine circovirus DNA: affinities with plant circoviruses.", Journal of General Virology, vol. 78, No. 1, pp. 221-227, January 1997, XP-002068398	
		Annette Mankertz et al., "Mapping and Characterization of the Origin of DNA Replication of Porcine Circovirus.", vol. 71, No. 3, pp. 2562-2566, March 1997, XP-002078782	
		Andre L. Hamel et al., "Nucleotide Sequence of Porcine Circovirus Associated with Postweaning Multisystemic Wasting Syndrome in Pigs.", Journal of Virology, col. 72, No. 6, pp. 5262-5267, June 1998, XP-002078783	
		Brian M. Meehan et al., "Characterization of novel circovirus DNAs associated with wasting syndromes in pigs.", Journal of General Virology, vol. 79, No. 9, pp. 2171-2179, September 1998, XP-002090386	
		Igor Morozov et al., "Detection of a Novel Strain of Porcine Circovirus in Pigs with Postweaning Multisystemic Wasting Syndrome.", Journal of Clinical Microbiology, vol. 36, No. 9, pp. 2535-2541, September 1998, XP-002090921	
		G.M. Allan et al., "Isolation of porcine circovirus-like viruses from pigs with a wasting disease in the USA and Europe.", Journal of Veterinary Diagnostic Investigation, vol. 10, pp. 3-10, January 1998, XP-002068503	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		John Ellis et al., "Isolation of circovirus from lesions of pigs with postweaning multisystemic wasting syndrome.", Canadian Veterinary Journal, vol. 39, pp. 44-51, January 1998, XP-002068502		
		J. Ségaes et al., "First report of post-weaning multisystemic wasting syndrome in pigs in Spain.", Beterinary Record, vol. 141, No. 23, pp. 600-601, December 1997, XP-002068504		
		I. Tischer et al., "Distribution of antibodies to porcine circovirus in swing populations of different breeding farms.", Archives of Virology, vol. 140, No. 4, pp. 737-743, 1995, XP-002104704		
		AUTHOR UNKNOWN, GenBank Info on AF027217 (Revised July 5, 2002).		
		AUTHOR UNKNOWN, NCBI Sequence Revision History of AF027217 (Revised July 5, 2002).		

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